

CLAIMS

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B4
5 1. Growth stimulating composition for plants characterized by comprising one or several of the following components:

a precursor compound of cyclic AMP for its transformation in the latter compound in the interior of the cells,

10 a compound with the capacity to inhibit the activity of the enzymes of the phosphodiesterases family,

a compound with the capacity to stimulate the activity of the enzymes of the Adenyl-Cyclase family,

15 an agonist compound of the β -adrenergic receptors, a chosen compound between arachidonic acid or a prostaglandin.

20 2. Growth stimulating composition for plants in accordance with claim 1, characterized in that the precursor compound of cyclic AMP is Dibutiril-cyclic AMP.

25 3. Growth stimulating composition for plants in accordance with claim 1, characterized in that the compound with capacity to inhibit the activity of the enzymes of the phosphodiesterases family is chosen between theophylline, theobromine or caffeine.

30 4. Growth stimulating composition for plants in accordance with claim 1, characterized in that the compound with capacity to stimulate the activity of the enzymes of the Adenyl-Cyclase family is Forskolin.

35 5. Growth stimulating composition for plants in accordance with claim 1, characterized in that the

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agonist compound of the β -adrenergic receptors is chosen between isoproterenol, epinephrine (adrenaline) or norepinephrine (noradrenaline).

- 5 6. Growth stimulating composition for plants in
accordance with claim 1, characterized in that mineral
fertilizer is added.
- 10 7. Growth stimulating composition for plants in
accordance with claim 6, characterized in that the
mineral fertilizer is chosen between amonic nitrate or
potassium phophate.
- 15 8. Growth stimulating composition for plants in
accordance with claim 1, characterized in that a
phytoregulator product is added.
- 20 9. Growth stimulating composition for plants in
accordance with claim 8, characterized in that the
phytoregulator product is chosen between cytoquinines,
auxines, giberelines, polyamines, n-ethanolamines or
sugars.
- 25 10. Growth stimulating composition for plants in
accordance with claim 1, characterized in that a
phytosanitary product is added.
- 30 11. Growth stimulating composition for plants in
accordance with claim 10, characterized in that the
phytosanitary product is chosen between a fungicide or
a herbicide.
- 35 12. Growth stimulating composition for plants in
accordance with claim 1, characterized in that a
tensoactive agent is added.

*Sub
a1* 13. Growth stimulating composition for plants in accordance with claim 12, characterized in that the tensoactive agent is Tween 80.

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14. Growth stimulating composition for plants in accordance with claim 13 characterized in that a moistening agent is added.

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